

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** July 28, 2005

**Inspector:** Don Ukers

**Location:** 345 kV Underground Route

**Storm/**

**Rain Event:** The only observable precipitation the area received since the last inspection was between 0.23-0.43" on 7/27 posted by NOAA.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	<p>- Trenching, pipe installation, and sawcutting operations were ongoing along Rt. 7 in Wilton during the night. The work area across from the Methodist church has continued south and the trench was nearing Seeley Rd. 7/28/05</p> <p>- Trenching and pipe installation continued along Rt. 107 in the general vicinity of Umpawaug Rd. 7/28/05</p> <p>- Vault installation is now occurring off the Rt. 7 shoulder, approx. a mile south of the Rt. 107 intersection. 7/28/05</p>	<p>-All work has been in the roadway and seems well contained for the most part. See erosion control sections for specific recommendations. 7/28/05</p>

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> <li>- Areas of silt fence remain installed in the areas of active work along Rt. 7 and Rt. 107. 7/28/05</li> <li>-Several pieces of wood/debris or materials have been left against and beyond the silt fence in some areas. 6/29-7/28/05</li> </ul>	<ul style="list-style-type: none"> <li>- Continue to monitor and maintain and repair the fence when active work approaches an area. When active construction passes, fence will be left in place for when work returns to an area. 7/28/05</li> <li>-Practice appropriate “housekeeping” and be sure to remove any left over debris from work areas. 6/29-7/28/05</li> </ul>
Erosion and Sediment Controls (continued)	<ul style="list-style-type: none"> <li>- Catch basins along Rt. 7 were protected with haybales in the vicinity of the work. One basin needed to have the haybales rearranged around the inlet in a box or border shape. 7/28/05</li> <li>- Catch basins should also be cleaned regularly and roadways swept of sediment attributed to the project. 7/22-7/28/05</li> </ul>	<ul style="list-style-type: none"> <li>- Continue to maintain catch basin protection measures when work is in the vicinity, including areas steeply downgradient from sawcutting. 7/28/05</li> <li>- Street sweeping is occurring by hand with push brooms but power sweeping equipment is being obtained for larger areas. 7/22-7/28/05</li> </ul>
Adjacent Wetlands and Waterways	<ul style="list-style-type: none"> <li>-It appears that none of the wetland resource areas adjacent to the roadway work have been affected by the activities. No sedimentation or turbidity was noted. 7/28/05</li> </ul>	<ul style="list-style-type: none"> <li>-None at this time. Continue to monitor. Keep all slurry muds and roadway from reaching catch basins as they may outlet to wetlands and streams. 7/28/05</li> </ul>
Staging, Storage, and Parking Areas	<ul style="list-style-type: none"> <li>- The storage and staging yard for equipment and constructing trench materials recently identified along Rt. 7, appears to be in good repair. 7/28/05</li> <li>- The equipment storage yard located on property off Rt. 7, south of the Rt 107 and 7 intersection still appears to be in good shape and equipment continues to be placed here in appropriate locations 6/09-7/28/05</li> </ul>	<ul style="list-style-type: none"> <li>-None at this time. 7/28/05</li> <li>- In general, equipment should not be left above or adjacent to wetlands during inactive hours. 7/28/05</li> </ul>

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	-No equipment was being stored in the Methodist Church yard at the time of inspection. 7/28/05	
Soils	<p>- The soils in the area of Umpawaug Road are considered background polluted and were being trucked to a waste facility in Danbury for storage. However, any soils from the work in Redding which meet the RSR levels are being used in the landfill as daily cover. 7/14-7/28/05</p> <p>- Almost all soils along Rt. 7 are either contaminated or background polluted. They are being sent to Danbury for temporary storage and another facility for appropriate disposal. 7/22-7/28/05</p>	- Soils appear to be handled appropriately. 7/28/05
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	-No significant clearing appeared to be necessary at this time. Some minor ground cover disturbance was necessary in a few locations 7/28/05	<p>- When ground cover removal is necessary along the sides of the roadway, the areas will be restored and reseeded following the work. 7/28/05</p> <p>- According to the D&amp;M plan, areas that are disturbed but will not be worked in for over 21 days should be temporarily stabilized/reseeded after 7-14 days. Restoration crews should be attending these areas prior to the deadline.</p>
Dewatering	-Dewatering that occurs along Rt. 107 and Rt. 7 is being directed to a frac tank truck. Most of the water is coming from soils that are considered contaminated and cannot be discharged to the ground due to the pollutant levels in the	- NU is working on this issue internally and with towns to make a final decision but it appears the frac tank method will continue. It could be determined whether the watershed basin is stressed due to removal of the

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	area. - However, it should be determined whether water from background polluted soils is safe to be discharged to the area for recharge of the water table.	groundwater.  -In general, keep dewatering from any clean soils directed to haybales/corrals as proposed. Do not allow unfiltered water to discharge directly to wetlands, streams or catch basins.
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.
Spills and Material Storage	- No spills or leaks were observed during the inspection. 7/28/05	- The contractors should remain vigilant about securing and handling fuel containers. - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - Check equipment status on a regular basis and keep spill kits on hand. - Report spills immediately, even if they are being controlled.
Additional Observations		

**Next likely scheduled inspection:**

Thursday, August 4, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:**

Diana Walden for Don Ukers



345kV (Rt. 7 Wilton) View of the storage area off Route 7. All equipment is stored appropriately (7/28/05)



View of a catch basin along Rt. 7 which has been placed with haybales. The bales should be placed in a box or border shape around the inlet. (7/28/05)





View of silt fence well installed along Rt. 7. Take care not to place materials on or against the fence  
(7/28/05)